

**TREATMENT OF NEUROMUSCULAR DYSFUNCTION OF THE
LOWER URINARY TRACT WITH SELECTIVE mGLU5 ANTAGONISTS**

5

ABSTRACT

The invention is directed to methods of using antagonists selective for the metabotropic mGlu5 receptor to treat conditions of neuromuscular dysfunction of the lower urinary tract in a mammal. Provided are methods of treating a mammal suffering
10 from a condition of neuromuscular dysfunction of the lower urinary tract by administering a selective mGlu5 antagonist. The selective mGlu5 antagonist may be administered alone or in combination with one or more additional therapeutic agent for treating such a condition. Also provided are methods of identifying selective mGlu5 antagonists that are useful for treating neuromuscular dysfunction of the lower urinary
15 tract in a mammal.